

## OPINION 1628

***Castiarina* Gory & Laporte, 1837 (Insecta, Coleoptera): conserved****Ruling**

(1) Under the plenary powers the generic name *Polychroma* Dejean, 1836 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(2) The name *Castiarina* Gory & Laporte, 1837 (gender: feminine), type species by subsequent designation by Barker (1979) *Stigmodera pertii* Gory & Laporte, 1837, is hereby placed on the Official List of Generic Names in Zoology.

(3) The name *pertii* Gory & Laporte, 1837, as published in the binomen *Stigmodera pertii* (specific name of the type species of *Castiarina* Gory & Laporte, 1837), is hereby placed on the Official List of Specific Names in Zoology.

(4) The name *Polychroma* Dejean, 1836, as suppressed in (1) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

**History of Case 2672**

An application for the conservation of *Castiarina* Gory & Laporte, 1837 was received from Dr J.A. Gardner (*Waite Agricultural Research Institute, University of Adelaide, South Australia*) on 25 July 1988 and published in BZN 46: 170–172 (September 1989). Notice of the case was sent to appropriate journals.

It was noted on the voting paper that *Polychroma* Dejean, 1836 was without a type species. It was not possible, however, to select a type species for *Polychroma* from among the species that Dejean placed in the genus and thereby render *Polychroma* and *Castiarina* not synonymous. Dr Gardner supplied the following additional information: 'Nine nominal species listed by Dejean under *Polychroma* are currently assigned to *Castiarina*. They were originally placed in *Buprestis* Linnaeus, 1758 by Donovan (1805) and Kirby (1818) before that genus was split by Eschscholtz in 1829. The tenth name, *octosignata* Gory, which Dejean synonymised with *scalaris*, I have not been able to confirm. Thus, none of the species have been associated with any genus other than *Buprestis*, then subsequently *Polychroma* or *Stigmodera* (*Castiarina*). I also note that Dejean attributed four of the specific names to himself, but that Gory & Laporte (1837) and Barker (1979, 1986) considered Boisduval (1835) to be the authors of those names, not Dejean'.

Comments in support of the application from Charles L. Bellamy (*National Museum of Natural History, Smithsonian Institution, Washington, D.C., U.S.A.*) and G.H. Nelson (*College of Osteopathic Medicine of the Pacific, Pomona, California, U.S.A.*) were noted on the voting paper. The latter commented that 'in the interest of continuing the use of a generic name so long in general use and acceptance and one that contains so many species names, I heartily support Dr Gardner's request.'

The paper referred to in para. 9 of the application (p. 171) as 'in press' has since been published:

**Gardner, J.A.** 1989. Revision of the genera of the tribe Stigmoderini (Coleoptera: Buprestidae) with a discussion of phylogenetic relationships. *Invertebrate Taxonomy*, 3(3): 291–361.

### Decision of the Commission

On 1 September 1990 the members of the Commission were invited to vote on the proposals published in BZN 46: 171. At the close of the voting period on 1 December 1990 the votes were as follows:

Affirmative votes — 25: Bayer, Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Heppell, Holthuis, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Mroczkowski, Nielsen, Ride, Savage, Schuster, Starobogatov, Thompson, Trjapitzin, Uéno, Willink

Negative votes — 2: Kabata and Nye.

No vote was received from Halvorsen.

Nye supported the conservation of *Castiarina* Gory & Laporte, 1837 but would have preferred use of the relative precedence procedure in case the name *Polychroma* Dejean, 1836 should be required if the genus is further divided.

### Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*Castiarina* Gory & Laporte, 1837, *Histoire naturelle et iconographie des insectes coléoptères, publiée par monographies séparées*. Texte vol. 2. Suite aux Buprestides, p. 22.

*pertii*, *Stigmodera*, Gory & Laporte, 1837, *Histoire naturelle et iconographie des insectes coléoptères, publiée par monographies séparées*. Texte vol. 2. Suite aux Buprestides, p. 23.

*Polychroma* Dejean, 1836, *Catalogue des coléoptères de la collection de M. le Comte Dejean*. Troisième édition, revue, corrigée et augmentée, p. 89.